

SEQUENCE LISTING

<110> Lee, In-Hee
 Son, Seok-Min
 Jang, Woong-Sik
 Kim, Kyu-Nam

<120> Antimicrobial Peptide Isolated From Halocynthia Aurantium

<130> 2393.0010000

<150> PCT/KR2002/002195

<151> 2002-11-22

<160> 10

<170> PatentIn version 3.3

<210> 1

<211> 18

<212> PRT

<213> Halocynthia aurantium

<220>

<221> PEPTIDE

<222> (1)..(1)

<223> 18mer of halocydin

<400> 1

Trp	Leu	Asn	Ala	Leu	Leu	His	His	Gly	Leu	Asn	Cys	Ala	Lys	Gly	Val
1				5					10					15	

Leu Ala

<210> 2

<211> 15

<212> PRT

<213> Halocynthia aurantium

<220>

<221> PEPTIDE

<222> (1)..(1)

<223> 15mer of halocydin

<400> 2

Trp	Leu	Asn	Ala	Leu	Leu	His	His	Gly	Leu	Asn	Cys	Ala	Lys	Gly
1				5					10					15

<210> 3

<211> 17
<212> PRT
<213> Halocynthia aurantium

<220>
<221> PEPTIDE
<222> (1)..(17)
<223> 17mer of halocydin

<400> 3

Trp Leu Asn Ala Leu Leu His His Gly Leu Asn Cys Ala Lys Gly Val
1 5 10 15

Leu

<210> 4
<211> 16
<212> PRT
<213> Halocynthia aurantium

<220>
<221> PEPTIDE
<222> (1)..(16)
<223> 16mer of halocydin

<400> 4

Trp Leu Asn Ala Leu Leu His His Gly Leu Asn Cys Ala Lys Gly Val
1 5 10 15

<210> 5
<211> 14
<212> PRT
<213> Halocynthia aurantium

<220>
<221> PEPTIDE
<222> (1)..(14)
<223> 14mer of halocydin

<400> 5

Trp Leu Asn Ala Leu Leu His His Gly Leu Asn Cys Ala Lys
1 5 10

<210> 6
<211> 13
<212> PRT

<213> Halocynthia aurantium

<220>

<221> PEPTIDE

<222> (1)..(13)

<223> 13mer of halocydin

<400> 6

Trp Leu Asn Ala Leu Leu His His Gly Leu Asn Cys Ala
1 5 10

<210> 7

<211> 12

<212> PRT

<213> Halocynthia aurantium

<220>

<221> PEPTIDE

<222> (1)..(12)

<223> 12mer of halocydin

<400> 7

Trp Leu Asn Ala Leu Leu His His Gly Leu Asn Cys
1 5 10

<210> 8

<211> 18

<212> PRT

<213> Halocynthia aurantium

<220>

<221> PEPTIDE

<222> (1)..(18)

<223> 18mer congener of halocydin

<400> 8

Trp Leu Asn Ala Leu Leu Lys Lys Gly Leu Asn Cys Ala Lys Gly Val
1 5 10 15

Leu Ala

<210> 9

<211> 19

<212> PRT

<213> Halocynthia aurantium

<220>
<221> PEPTIDE
<222> (1)..(19)
<223> 19mer of halocydin

<400> 9

Lys Trp Leu Asn Ala Leu Leu His His Gly Leu Asn Cys Ala Lys Gly
1 5 10 15

Val Leu Ala

<210> 10
<211> 19
<212> PRT
<213> Halocynthia aurantium

<220>
<221> PEPTIDE
<222> (1)..(19)
<223> 19mer congener of halocydin

<400> 10

Lys Trp Leu Asn Ala Leu Leu Lys Lys Gly Leu Asn Cys Ala Lys Gly
1 5 10 15

Val Leu Ala